

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/439,311ADATE: 05/18/2000  
TIME: 15:41:55

Input Set: I439311A.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

1 <110> Guerry, Patricia  
 2 Trust, Trevor J  
 3 Burg, Edward  
 4 Lee, Lanfong  
 5 <120> A Recombinant Polypeptide for use in the Manufacture of Vaccines  
 6 against Campylobacter Induced Diarrhea and to Reduce Colonization  
 7 <130> 78560  
 8 <140> US/09/439,311A  
 9 <141> 1999-11-12  
 10 <160> 4  
 11 <170> PatentIn Ver. 2.0

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES FOLLOW

12 <210> 1  
 E--> 13 <211> 999  
 14 <212> DNA  
 15 <213> Campylobacter coli      *insert back return at end of each line*  
 16 <400> 1  
 E--> 17 attaacacaaa atgttgcagc attaaatgct aaagcaaatt cggatctaaa cagcagagca 60  
 W--> 18  
 E--> 19 gatagttta agatctcagg caaatacttt gggtcaggct 180      atatcta atg gtaatgatg  
 W--> 20  
 E--> 21 caa 300      agcttaaaaaa caagaactat gttcaagca gacatcaacc gtttcatgaa agaa  
 W--> 22  
 E--> 23 aagttcaaat caaacttatta aagcaagtat aggagcaact 480      cagtcttcta aaatcggt  
 W--> 24  
 E--> 25 gtgtta 600      gtgatttcta cttagttagg aacaggtctt ggagcttgg ctgaagagat ca  
 W--> 26  
 E--> 27 ca ggattttgct atcaatgggg ttgttatagg taagggttat 780      tattcagatg gtgtat  
 W--> 28  
 E--> 29 cgatgg 900      agagggatta aaatcacagg tagcataggt gttaggagctg gtatattgca

---

E--> 30 <210> 2      <21  
 E--> 31 <211>  
 E--> 32 <212> PRT      <21  
 E--> 33 <213>  
 E--> 34 <400> 2      Ile  
 35 r Asp Leu      1      5      10  
 36 la Leu Asp Gln Ser Leu Ser Arg Leu Ser Ser Gly Leu  
 37      Arg Ile Asn Ser Ala Ala Asp Asp Ala Ser Gly Met A  
 38      Ser Leu

PAGE: 2

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/439,311ADATE: 05/18/2000  
TIME: 15:41:55

Input Set: I439311A.RAW

39  
40 70 75 80  
41 Thr Gln Ala Ala 85 90  
42 Gly Gln Ser Leu Lys Thr Arg Thr Met Leu Gln Ala Asp Ile  
43 Asn Arg Leu Met Glu Glu Leu Asp Asn Ile Ala  
44 As  
45 140  
46 150 155 160  
47 u Thr Gly Ser Gln Ser 165 170  
48 he Ser Ser Gly Thr Val Gly Leu Thr Ile Lys Asn Tyr Asn Gly Ile  
49 Glu Asp Phe Lys Phe Asp Ser Val Val I  
50  
51 220  
52 225 230 235 240  
53 Ala Ile Asn Gly Val Val Ile 245  
54 Gly Lys Val Asp Tyr Ser Asp Gly Asp Glu Asn Gly Ser Leu Ile Ser  
55 Ala Ile Asn Ala Val Lys Asp Thr  
56  
57 300  
58 305 310 315 320  
59 s Asn Asp Gly Arg Asp 325

Input Set: I439311A.RAW

Line	?	Error/Warning	Original Text
13	E	Input 999, Calc# Bases 106 differ	<211> 999
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
17	E	Wrong Amino Acid Designator	attaacacaa atgttcagc attaaatgct aaagcaaa
18	W	Invalid/Missing Amino Acid Numbering	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
19	E	Wrong Amino Acid Designator	gatagttta agatctcagg caaatacttt gggtcaggg
20	W	Invalid/Missing Amino Acid Numbering	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
21	E	Wrong Amino Acid Designator	caa 300 agctaaaaaa caagaactat g
22	W	Invalid/Missing Amino Acid Numbering	caa 300 agctaaaaaa caagaactat g

Input Set: I439311A.RAW

Input Set: I439311A.RAW

Line	? Error/Warning	Original Text
28	W Invalid/Missing Amino Acid Numbering	
29	E Number of Bases conflict w/ Running Total	cgatgg 900
29	E Wrong Nucleic Acid Designator	cgatgg 900
29	E Wrong Nucleic Acid Designator	cgatgg 900
29	E Wrong Nucleic Acid Designator	cgatgg 900
29	E Wrong Nucleic Acid Designator	cgatgg 900
29	E Wrong Nucleic Acid Designator	cgatgg 900
29	E Wrong Nucleic Acid Designator	cgatgg 900
30	E Seq.#s 2 thru 2211332 missing	agagggatta aaatcaca
31	E Missing Required Data for this Field	agagggatta aaatcaca
32	E Wrong or missing Molecule Type	agagggatta aaatcaca
33	E Response to "Organism" is Missing	agagggatta aaatcaca
34	E Sequence IDs 2 and 2211333 differ	agagggatta aaatcaca
		<212> PRT